

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016559.D
 Acq On : 15 Sep 2020 15:04
 Operator : SY/VA
 Sample : VSTD05001
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05001

Quant Time: Sep 15 15:41:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 15:13:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	582271	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	522655	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	275332	45.75	ug/L	0.00
7) Chloroethane-d5	2.90	69	226129	43.13	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	621645	45.37	ug/L	0.00
20) 2-Butanone-d5	7.08	46	138005	68.24	ug/L	0.00
24) Chloroform-d	7.66	84	586632	45.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	299350	42.72	ug/L	0.00
29) Benzene-d6	8.28	84	1116566	44.50	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	302549	41.63	ug/L	0.00
37) Toluene-d8	10.33	98	1093016	45.50	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	154448	42.15	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	109751	75.75	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	253795	41.38	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	389970	44.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	365567	55.152	ug/L 98
3) Chloromethane	2.23	50	269257	48.278	ug/L 96
5) Vinyl chloride	2.38	62	383462	52.465	ug/L 100
6) Bromomethane	2.79	94	294433	53.813	ug/L 99
8) Chloroethane	2.94	64	230613	51.861	ug/L 100
9) Trichlorofluoromethane	3.28	101	404830	63.976	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	375358	52.907	ug/L 99
12) 1,1-Dichloroethene	4.05	96	370249	51.916	ug/L 95
13) Acetone	4.12	43	111779	80.114	ug/L 98
14) Carbon disulfide	4.40	76	1121601	51.562	ug/L 100
15) Methyl Acetate	4.68	43	134028	40.719	ug/L 100
16) Methylene chloride	4.93	84	361747	40.117	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	498825	47.346	ug/L 100
18) trans-1,2-Dichloroethene	5.44	96	384880	50.964	ug/L 97
19) 1,1-Dichloroethane	6.23	63	601561	47.458	ug/L 99
21) 2-Butanone	7.18	43	174938	76.503	ug/L 99
22) cis-1,2-Dichloroethene	7.18	96	401186	51.164	ug/L 96
23) Bromochloromethane	7.52	128	189863	51.671	ug/L 96
25) Chloroform	7.68	83	660699	49.901	ug/L 100
27) 1,2-Dichloroethane	8.41	62	417385	47.732	ug/L 100
30) Cyclohexane	7.96	56	554025	45.729	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	602213	52.946	ug/L 99
32) Carbon tetrachloride	8.08	117	588493	54.286	ug/L 99
34) Benzene	8.33	78	1374408	49.111	ug/L 100
35) Trichloroethene	9.10	95	399915	51.082	ug/L 99
36) Methylcyclohexane	9.34	83	668984	49.051	ug/L 100
40) 1,2-Dichloropropane	9.37	63	319752	46.770	ug/L 99
41) Bromodichloromethane	9.65	83	484326	50.096	ug/L 97
42) cis-1,3-Dichloropropene	10.08	75	563454	48.309	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	389154	82.115	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1558573	49.777	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	490996	47.424	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	268485	48.934	ug/L	98
47) Tetrachloroethene	10.87	164	362614	56.129	ug/L	94
49) 2-Hexanone	10.97	43	261881	79.674	ug/L	99
50) Dibromochloromethane	11.13	129	360928	51.562	ug/L	98
51) 1,2-Dibromoethane	11.24	107	270099	49.269	ug/L	98
52) Chlorobenzene	11.66	112	1048308	52.107	ug/L	97
53) Ethylbenzene	11.73	91	1765543	49.914	ug/L	98
54) m,p-Xylene	11.84	106	688033	50.548	ug/L	99
55) o-xylene	12.17	106	655674	50.554	ug/L	99
56) Styrene	12.18	104	1122543	50.664	ug/L	100
57) Isopropylbenzene	12.47	105	1805934	50.675	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	300197	46.248	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	219898	45.342	ug/L	100
62) Bromoform	12.35	173	221740	50.401	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	840301	50.533	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	813098	49.531	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	730732	49.575	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	52796	39.864	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	598677	51.342	ug/L	96
68) 1,2,4-trichlorobenzene	15.14	180	483271	47.932	ug/L	96
69) Naphthalene	15.37	128	890574	43.599	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	419302	48.484	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

